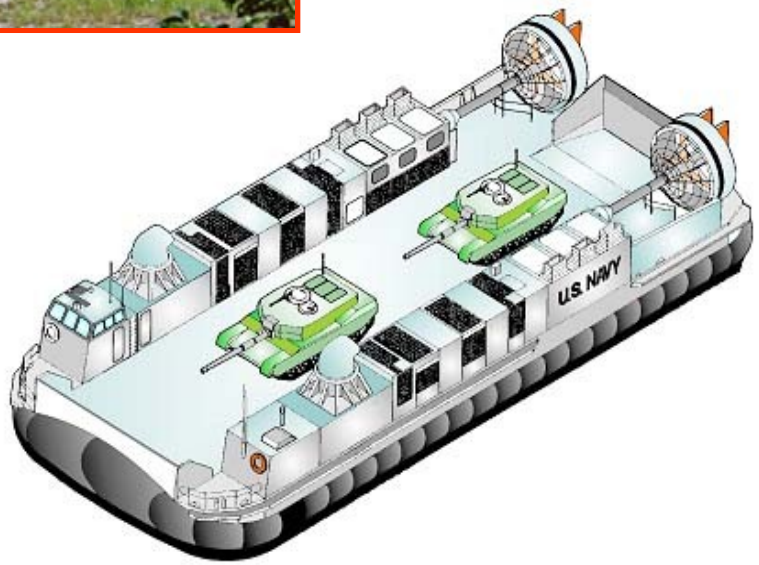
LCAC FLEET SUPPORT CONFERENCE

5 OCTOBER 2004



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LCAC Major Elements

- SCN – **SLEP**
- OPN – **System Upgrades** and Fleet Modernization Program
- OMN – **Fleet** (ACUFOUR and ACUFIVE) Operating Funds and NAVSEA Life Cycle Management
- RDT&E – **Sea Base-to-Shore (Assault) Connector** (FY06-11) and Platform Modernization (FY06-11)

SLEP - ALTERNATE STRATEGY

BUOYANCY BOX

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and
Improvements

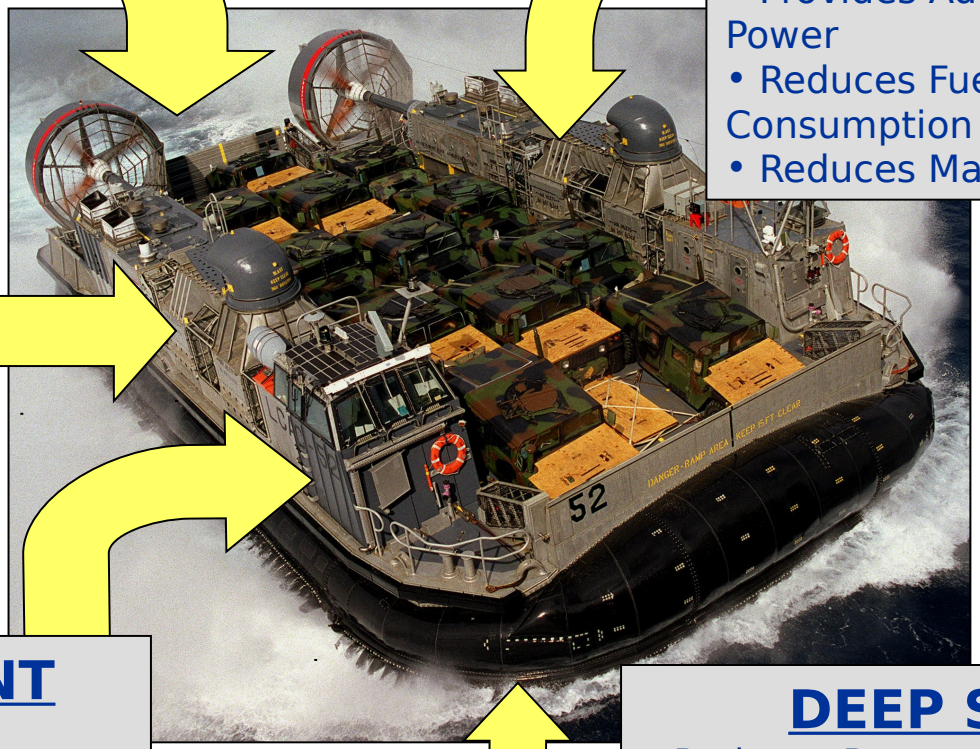
REFURBISHMENT

ENHANCED ENGINES

- Provides Additional Power
- Reduces Fuel Consumption
- Reduces Maintenance

ROTATING MACHINERY REFURBISHMENT

- Extends Useful Life of Equipment
- Reduces Maintenance



C4N REPLACEMENT

- Introduces Open Architecture
- Introduces Modern COTS Equipment
- Provides Precision Navigation
- Provides Common Tactical Picture
- Provides Comm Suite Interoperability

DEEP SKIRT

- Reduces Drag
- Increases Performance Envelope
- Reduces Maintenance
- Increases Obstacle Clearance

System Upgrades and FMP

- SLEP PHASE I
  - Rapidly Replace **Obsolete Radios** and **Radars**
    - C4N Responsible for 67% Craft Down CASREPS
    - LCAC C4N is Amphib OAG #3 Priority Item
  - **Deep Skirt**, and
  - **Corrosion Abatement**
- FMP
  - CRAFTALTs
  - AERs

FLEET OMN

- **OPTAR - Only Source of LCAC Fleet Support**
  - Funds All Operational and Support Costs
  - All Maintenance

- **Account Historically Under Funded in End Game**
  - N753 Discretionary Account
  - Bogey Bill Payer
  - New Initiative – **LCAC Cost/Performance Model**
    - Submitted to N81 for VV&A
    - Plan to use to support PR07 Issues

NAVSEA OMN

- Emergent Investigations/Tests
- Safe Engineering And Operations (SEAOPS)
- Corrosion Control Program
- Reliability and Maintainability (R&M) Program
- Equipment Life Cycle Managers (Engines, Etc); Coordinates Budgets And Plans for Equipment Overhauls

LCAC R&D

- **Assault Connector – Notional (derived from Heavy Lift LCAC)**
  - 144 Tons Lift Capacity – Twice Basic SLEP LCAC (2 M1A2 Tanks)
  - 37 Ft Longer Than LCAC (Approx length of LCU/ LCU(R))
- **Benefits**
  - Deliver Combat Power of MEB Surface Assault Element in ONE Cycle
  - Optimum Utilization of Well Deck Square
  - Force Enabler for ARGs
    - More Lift Forward Deployed
    - Lift Increases Without Additional Craft or Crews
  - Fills LCAC Inventory Gap Created by MTVR
  - OTH Operations Beyond Baseline LCAC Capabilities
  - 75-100 Troops Transportable Internal, 400 W/ PTMs

POM06 FYDP

Submitted to OMB

PROGRAM TITLE	APPN	FY-04	FY-05	FY-06	FY-07	FY-08	FY-09	FY-10	FY-11	FY06 - FY11 TOTAL
LCAC SLEP	SCN	72,513	90,490	110,550	109,128	112,298	109,486	112,294	115,086	668,842
Quantity		**4**	**5**	**6**	**6**	**6**	**6**	**6**	**6**	**36**
ACU4 OPTAR	OMN	14,900	12,611	12,711	12,618	13,603	14,567	14,943	15,330	83,772
ACU5 OPTAR	OMN	15,737	13,732	14,483	14,698	15,045	16,115	16,523	16,949	93,813
NAVSEA FLEET SUPPORT	OMN	11,522	23,900	33,329	28,163	30,445	26,396	28,082	28,068	174,483
LCAC FMP - Mat'l	OPN	611	1,596	3,279	3,370	3,370	3,370	3,437	3,506	20,332
LCAC FMP - Labor	OPN	1,289	3,412	7,296	7,378	7,526	7,676	7,830	7,986	45,692
LCAC Systems Upgrade	OPN	10,548	8,365	19,666	25,603	14,885	7,404	0	0	67,558
LCAC Phased Maintenance	OPN	0	0	1,764	6,930	4,648	8,697	7,011	7,025	36,075
LCAC	RDTEN	0	0	1,955	1,955	1,957	2,450	2,499	2,550	13,366
HLCAC	RDTEN	0	1,997	0	0	0	0	0	0	1,997
Marine Gas Turbines (TF40B) for LCAC	OMN	1,218	2,423	1,925	1,848	974	1,017	1,043	1,070	7,877
		128,342	**158,531**	**206,964**	**211,697**	**204,757**	**197,184**	**193,668**	**197,576**	**1,211,846**

PR07 MAJOR ISSUES

- **FLEET OPTAR FUNDING**
- **CFFC SE BOD INITIATIVE – LAYUP 9 TO 15 LCAC PER COAST**
- **PHASED MAINTENANCE FULL FUNDING $12m/YEAR**